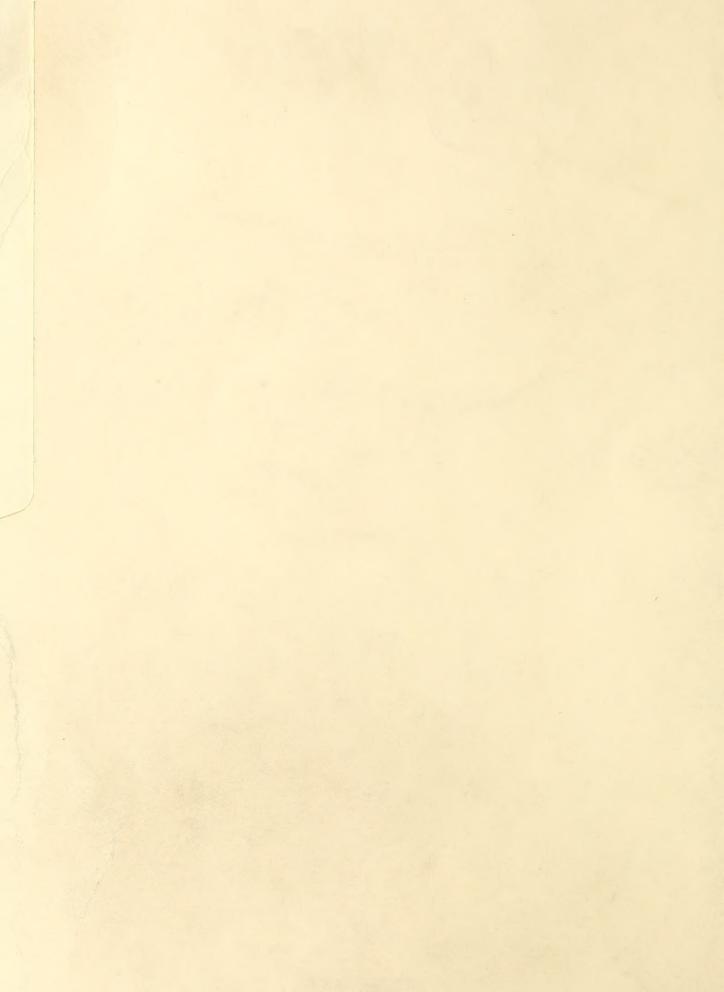
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FOR

RIO GRANDE BASIN

March 1, 1939

ducted cooperatively with the State Engineers of Colorado and New Mexico, Colorado Agricultural Experiment the Bureau of Agricultural Engineering of the U. S. Department of Agriculture, in cooperation with other The following data pertaining to snow surveys and irrigation water-supply forecasts are provided by by field personnel of the U. S. Forest Service and Colorado State Engineer. This work is otherwise con-Federal Bureaus, State Departments, and local organizations. The snow measurements are made principally Station, and various municipalities, irrigation associations and others. Precipitation records are supplied by the U. S. Weather Bureau.

## PRECIPITATION DATA

WATERSHED Canadian	STATE New Mexico	Precipitation October 1 to February 28 Inches 1,.52	Departure from Normal Inches -1.35	Precipitation February Inches 0.46	Departure from Normal Inches -0.05
Rio Grande	Colorado	14.05	+1.37	62.0	+0.16
Rio Grande	New Mexico	5.66	64.0+	0.93	12.
Pecos	New Mexico	3,86	.+0.38	0.43	20

last year, but in New Mexico it is 80 percent greater. On the watershed of the Canadian the snow cover is Snow cover on the watershed of the Rio Grande in Colorado is slightly less than it was on March 1, greater than last year, particularly on the Ocate Mesa. also

time. Soil moisture conditions in the San Luis Valley are excellent. In New Mexico the amount of water Reservoir storage on the Upper Rio Grande is more than double the amount it was last year at this in storage in reservoirs and in the soil has not changed materially during the last month.

of last year. The runoff will probably occur earlier than last year because the snow cover in New Mexico If normal snowfall occurs during the next two months, the summer runoff should approximate the flow is greater this year and being at lower elevations and lower latitudes melts at an earlier date.

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Summary of Federal and State Cooperative Snow Surveys

Bureau of Agricultural Engineering, U. S. Dept. Agri.; Forest Service; Colo. Agri. Expt. Station

Teamed Manne 10 1939 Colo. Expt. Station, Fort Collins, Colo.

1		Issued	March	Issued March 10, 1939 Colo. Expt.	Station,	Fort Collins, Colo.					
	Main Drainage	Local		Location		ा ।	Mar. 1 Snow	ow Course		Measurements	nts
	and	Drainage	State	Locality	Descrip-	Forest	Av. Snow	10	W. Wate	r Content	ent
No	No. Snow Course				tion		11938	1938:1939	Avg. 1938	03	1939
							In. In.	In.	In. I	-	In.
	RIO GRANDE										Kan I
26	Wolf Creek Pass	South Fork	Colo.	Wolf Cr. Pass	1-37N-2E	10000 Rio Grande	-		24.7 22.9		1.
27	Upper Rio Grande Rio Grande	Rio Grande	=	Rio Grande Res.	13-40N-4M	= ==	54.9 24.9	19.0	5.6. 5	カーカーカ	7.
77	LaVeta Pass No.2 San. Cristo Cr.	San. Cristo Cr.	=	LaVeta Pass	23-285-70T	Off Forest	34.#	43.8	10°0		i.
14	Silver Lakes	Alamosa R.	=	I mi.S.Silver L.	15-361-5日	Rio Grande	25.2 23.1	26.0	7 6.4	4.8 4.4	4
45	River Springs	Conejos R.	=	10mi.W.Mogote	25-331-6国	= =	31.9 29.2	29.5	8.11 7	.3 6	9.
25	Ute Ridge	Rio Grande	=	Rio Grande Res.	31-4111-4W	1 1 0026	1	80.9	1	1	L.
92	Summitville	Wightman Cr.	=	Summitville	30-374-1年	11500 " "	1	54.0	1	174	14,1
17	Cumb res Pass	No. Los Pinos R.	=	Cumbres Pass	17-325-5国	100001	13。年63。3	~	25 平 55	22.3# 22	22.8
80	Santa Maria	N. Clear Cr.	=	Santa Maria Res.	MZ-N11-8	1 1 0026	-	0	1		1.
-	Red River	Red River	N.Mex.6 mi.	6 mi.SE.Red River	29-28N-15E	Carson	28.5 17.7	124.9		7 6.4	L.
N.	Taos Canon	Rio de Taos	=	14mi.E.Taos	10-251-15年	n 0006	18.3 8.3	19.61			500
<b>+</b>	Aspen Grove	Rio En Medio	=	10mi.NE. Santa Fe	12-18N-10E	Santa Fe			-		.3
10,	5 Lee Ranch	Jemez Cr.	=	5mi.NW.Bland	3-181-4五	=	24.5 15.5	28.9		-	2
9	Canjilon	Canjilon Cr.	=	Smi.NE. Canjilon	1-201-6E	Carson		50.7 1		-	5.
1	Rio Mutrias	Rio Mutrias	=	10mi.SE. ParkView	6-27N-5E	-	17.4 10.8		-	4.2 4	4.3
03	8 Panchuela	Panchuela Cr.	=	lmi,N.Covles	34-19N-12E	8500 Santa Fe	10.8 2.4	20.9	-	7	00
0	Hematite Park*	Red River	=	Smi. SE. Red R.	8-28N-15E	Carson	18.2 13.5	18.9	5.1 4.	Н	7.
27	Tres Ritos	Agua Piedra	=	7mi.W.Holman	23-22N-13E	<b>=</b>   000	19.4 7.7	3141	5.5	.8 7.	2
	1	4			Average	for Drainage	31. 7 24.3	33.5	9.0 7	C1 20	8.7
	CAMADIAN										
000	9 Hematite Park	Moreno Gr.	= =		8-28N-15E	9500 Carson	18.2 13.5	18	5.1	4-1-4	4.1
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					AVEI'S	Average lor Drainage	10.0 7.8	TOOT	T.T.	0	C .

\*On adjacent drainage

(1709-39)